AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings includes changes to Figure 2B; specifically, the

legend "PRIOR ART" has been added.

Attachments: Replacement Sheet

-4-

REMARKS

Claims 1-6 are pending in the application.

By the foregoing Amendment, the Specification is amended to provide a description of reference numbers 11, 12, 21, 22, 23, 24, and 25. The drawings are amended to add the legend "PRIOR ART" to Figure 2B.

These changes are believed not to introduce new matter, and entry of the Amendment is respectfully requested.

Based on the above Amendment and the following Remarks, Applicant respectfully requests that the Examiner reconsider all outstanding objections, and withdraw them.

Allowable Subject Matter

Applicant thanks the Examiner for the Examiner's indication that claims 1-6 are allowed.

Objections to the Drawings

In paragraph 3 of the Office Action, the drawings were objected to due to lack of description of reference numbers 11, 12, 21, 22, 23, 24, and 25. This objection is believed to be overcome by the above amendment to the specification.

Support for the amendment to the specification is found in the Japanese priority application, which was incorporated by reference into this application in the application filing transmittal letter.

Applicant's Japanese representative advises that the Japanese priority application includes at the end

an "explanation of the reference numbers," with the following explanations for the relevant reference numbers translated as follows:

11, 21 impact bullet

12, 22 bar

13, 23 piezoelectric-type acceleration sensor

24 strain gauge

25 distance L--

Should a certified translation of the relevant portion of the Japanese priority application be required, the Examiner is requested to call Applicant's undersigned attorney to request one.

Other Matters

An Information Disclosure Statement is submitted herewith providing a copy of Japanese Patent publication for opposition purpose (Kokoku) No. 6-52270, which is discussed in the present application.

Conclusion

All objections have been complied with, properly traversed, or rendered moot. Thus, it now appears that the application is in condition for allowance. Should any questions arise, the Examiner is invited to call the undersigned representative so that this case may receive an early Notice of Allowance.

Favorable consideration and allowance are earnestly solicited.

Respectfully submitted,

JACOBSON HOLMAN PLLC

Date: February 3, 2005

Customer No. 00,136 400 Seventh Street, N.W. Washington, D.C. 20004 (202) 638-6666 Allen S. Melser

Registration No. 27,215